

POWERED DOOR OBJECT DETECTION SYSTEM AND METHOD**Abstract of the Disclosure**

A non-contact detection system and method for detecting obstructions in relation to a powered door on a vehicle such that contact with the door may be prevented. The detection system includes an object detection sensor located on the powered door for sensing an object within an adjustable sensing zone. A door position sensor senses position of the door relative to at least one of an open and closed door position. A controller adjusts the sensing zone of the object detection sensor as a function of the sensed door position.